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NOTICE OF APPEAL FROM THE EXAMINER TO THE BOARD OF PATENT APPEALS AND INTERFERENCES		Docket Number (Optional)	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Assistant Commissioner for Patents, Washington D.C. 20231" on <u>September 4, 2004</u> Via Express Mail <i>Referred Below</i> Signature <u>Ray M. Alden</u> Typed or printed name <u>Ray M. Alden</u>		In re Application of <u>Segmented distribution headlight system, method and apparatus.</u> Application Number <u>10/054223</u> Filed <u>01/22/02</u> For <u>Ray M. Alden</u> Group Art Unit <u>2875</u> Examiner <u>Guiyoung Lee</u>	
Applicant hereby appeals to the Board of Patent Appeals and Interferences from the last decision of the examiner.			
The fee for this Notice of Appeal is (37 CFR 1.17(b))		\$ <u>320</u>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by half, and the resulting fee is:		\$ <u>160</u>	
<input type="checkbox"/> A check in the amount of the fee is enclosed.			
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<input type="checkbox"/> A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed.			
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.			
I am the <input checked="" type="checkbox"/> applicant/inventor.		<u>Ray M. Alden</u> Signature	
<input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)		<u>Ray M. Alden</u> Typed or printed name	
<input type="checkbox"/> attorney or agent of record.		<u>09/04/04</u> Date	
<input type="checkbox"/> attorney or agent acting under 37 CFR 1.34(a). Registration number if acting under 37 CFR 1.34(a) _____			
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.			
<input checked="" type="checkbox"/> Total of <u>1</u> forms are submitted.			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Application/Control Number: 10/054,223

Application Filed: January 22, 2002

Applicant: Ray M. Alden

New Title: Segmented distribution headlight system, method, and apparatus

Examiner/GAU: Guiyoung Lee/2875

Raleigh, NC, September 4, 2004, Saturday

APPEAL – Identification of Rejected Claims

Assistant Commissioner for Patents

Washington, DC 20231

Sir:

This communication identifies claims being appealed and accompanies the Appeal Form 1200-5 included herewith.

Claims

The following claims 58 through 77 have been rejected and their examination are hereby appealed to the Board of Patent Appeals and Interferences of the US Patent Office.

Claims: What is claimed:

58. (Rejected) A method of producing concurrent higher intensity illumination sectors where no vehicles are present and at least one lower intensity illumination sector where a first sensed vehicle is present comprising the steps of,
providing a vehicular headlight system adapted to direct at least two distinct illumination intensities toward each of a plurality of individually controlled illumination sectors,
providing a vehicle sensor for sensing where said first sensed vehicle is present,
providing at least one controlled light modulator within said vehicular headlight system,
providing a controller which uses input from said vehicle sensor to control said at least one controlled light modulator within said vehicular headlight system,

whereby said controller causes said at least one controlled light modulator to direct a lower intensity illumination toward a sector where said first sensed vehicle's presence is sensed and whereby said vehicular headlight system concurrently directs higher intensity illumination toward at least one sector to the right side of said sensed vehicle and directs higher intensity illumination toward at least one sector to the left side of said sensed vehicle.

59. (Rejected) The method of producing concurrent higher intensity illumination sectors where no vehicles are present and at least one lower intensity illumination sector where a first sensed vehicle is present of claim 58 wherein said vehicle sensor senses a second sensed vehicle and said controller causes said vehicular headlight system to direct low intensity illumination towards said second sensed vehicle while concurrently directing high intensity illumination between said first sensed vehicle and said second sensed vehicle.

60. (Rejected) The method of producing concurrent higher intensity illumination sectors where no vehicles are present and at least one lower intensity illumination sector where a first sensed vehicle is present of claim 58 wherein said at least one controlled light modulator within said vehicular headlight system comprises at least one element selected from the group consisting of, illumination emitter, illumination filter, and illumination steerer.

61. (Rejected) The method of producing concurrent higher intensity illumination sectors where no vehicles are present and at least one lower intensity illumination sector where a first sensed vehicle is present of claim 58 wherein a first plurality of independently controlled light modulators are provided within said vehicular headlight system which are individually controlled to each direct a lower intensity illumination toward said first sensed vehicle.

62. (Rejected) The method of producing concurrent higher intensity illumination sectors where no vehicles are present and at least one lower intensity illumination sector where a first sensed vehicle is present of claim 61 wherein a second plurality of independently controlled

light modulators are provided within said vehicular headlight system which are controlled to each direct a higher intensity illumination toward the right side of said sensed vehicle and concurrently a third plurality of independently controlled light modulators are provided within said vehicular headlight system which are controlled to each direct a higher intensity illumination toward the left side of said sensed vehicle.

63. (Rejected) The method of producing concurrent higher intensity illumination sectors where no vehicles are present and at least one lower intensity illumination sector where a first sensed vehicle is present of claim 61 wherein said first plurality of independently controlled light modulators within said vehicular headlight system comprises at least one element selected from the group consisting of; illumination emitter, illumination filter, and illumination steerer.

64. (Rejected) The method of producing concurrent higher intensity illumination sectors where no vehicles are present and at least one lower intensity illumination sector where a first sensed vehicle is present of claim 61 wherein at least one headlight is provided and wherein said first plurality of independently controlled light modulators within said vehicular headlight system are within said headlight.

65. (Rejected) The method of producing concurrent higher intensity illumination sectors where no vehicles are present and at least one lower intensity illumination sector where a first sensed vehicle is present of claim 58 wherein a first headlight comprising at least two illumination filtering elements is provided and each of said filtering elements are individually controllable with regard to the selection of what intensity of illumination incident thereon, is passed coherently therethrough.

66. (Rejected) The method of producing concurrent higher intensity illumination sectors where no vehicles are present and at least one lower intensity illumination sector where a first

sensed vehicle is present of claim 58 wherein a first headlight comprising at least two illumination steering elements is provided and each of said steering elements are individually controllable with regard to the selection of which direction to steer at least a portion of the illumination incident thereon.

67. (Rejected) The method of producing concurrent higher intensity illumination sectors where no vehicles are present and at least one lower intensity illumination sector where a first sensed vehicle is present of claim 58 wherein a first headlight comprising at least two illumination emitting elements is provided and each of said illumination emitting elements are individually controllable with regard to the selection of which intensity of illumination is emitted therefrom.

68. (Rejected) A vehicle headlight illumination apparatus adapted to direct at least two distinct illumination intensities toward each of a plurality of individually controlled illumination sectors comprising,
a first vehicle headlight,
a vehicle sensor for sensing where a first sensed vehicle is present,
at least one controlled light modulator within said vehicle headlight,
a controller which uses input from said vehicle sensor to control said at least one controlled light modulator within said vehicle headlight,
whereby said controller causes said at least one controlled light modulator to direct a lower intensity illumination toward a sector where said first sensed vehicle's presence is sensed and
whereby said vehicular headlight system concurrently directs higher intensity illumination toward at least one sector to the right side of said sensed vehicle and directs higher intensity illumination toward at least one sector to the left side of said sensed vehicle.

69. (Rejected) The vehicle headlight illumination apparatus adapted to direct at least two distinct illumination intensities toward each of a plurality of individually controlled

illumination sectors of claim 68 wherein said vehicle sensor senses a second sensed vehicle and said controller causes said vehicular headlight system to direct low intensity illumination towards said second sensed vehicle while concurrently directing high intensity illumination between said first sensed vehicle and said second sensed vehicle.

70. (Rejected) The vehicle headlight illumination apparatus adapted to direct at least two distinct illumination intensities toward each of a plurality of individually controlled illumination sectors of claim 68 wherein said at least one controlled light modulator within said vehicular headlight system comprises at least one element selected from the group consisting of; illumination emitter, illumination filter, and illumination steerer.

71. (Rejected) The vehicle headlight illumination apparatus adapted to direct at least two distinct illumination intensities toward each of a plurality of individually controlled illumination sectors of claim 68 comprising a first plurality of independently controlled light modulators within said vehicular headlight system which are individually controlled to each direct a lower intensity illumination toward said first sensed vehicle.

72. (Rejected) The vehicle headlight illumination apparatus adapted to direct at least two distinct illumination intensities toward each of a plurality of individually controlled illumination sectors of claim 71 comprising a second plurality of independently controlled light modulators within said vehicular headlight system which are controlled to each direct a higher intensity illumination toward the right side of said sensed vehicle and comprising a third plurality of independently controlled light modulators within said vehicular headlight system which are controlled to each direct a higher intensity illumination toward the left side of said sensed vehicle.

73. (Rejected) The vehicle headlight illumination apparatus adapted to direct at least two distinct illumination intensities toward each of a plurality of individually controlled illumination sectors of claim 71 wherein said first plurality of independently controlled light modulators within said vehicular headlight system comprises at least one element selected from the group consisting of; illumination emitter, illumination filter, and illumination steerer.

74. (Rejected) The vehicle headlight illumination apparatus adapted to direct at least two distinct illumination intensities toward each of a plurality of individually controlled illumination sectors of claim 71 wherein said first plurality of independently controlled light modulators within said vehicular headlight system are within a single headlight.

75. (Rejected) The vehicle headlight illumination apparatus adapted to direct at least two distinct illumination intensities toward each of a plurality of individually controlled illumination sectors of claim 68 wherein said vehicular headlight system comprises at least one headlight which contains at least two illumination filter elements, each of said filter elements being individually controllable with regard to the selection of what intensity of illumination incident thereon, is passed coherently therethrough.

76. (Rejected) The vehicle headlight illumination apparatus adapted to direct at least two distinct illumination intensities toward each of a plurality of individually controlled illumination sectors of claim 68 wherein said vehicular headlight system comprises at least one headlight which contains at least two illumination steering elements, each of said steering elements being individually controllable with regard to the selection of which direction to steer at least a portion of the illumination incident thereon.

77. (Rejected) The method of producing concurrent higher intensity illumination sectors where no vehicles are present and at least one lower intensity illumination sector where a first sensed vehicle is present of claim 68 wherein said vehicular headlight system comprises at least one headlight

which contains at least two illumination emitting elements and each of said illumination emitting elements are individually controllable with regard to the selection of which intensity of illumination is emitted therefrom.

Very Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'Ray M. Alden', with a stylized, cursive script.

Ray M. Alden

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